



Borough of Cleethorpes.

ANNUAL REPORT
ON THE
Health and
Sanitary Conditions
FOR THE YEAR, 1946.

C. F. LYNCH,

M.B., B.Ch., B.A.O., D.P.H.

Medical Officer of Health.

Borough of Cleethorpes.
Cleethorpes Urban District Council.



*With the Medical Officer of Health's
Compliments.*

*Council House,
Cleethorpes.*



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Table of Contents.

Health Committee Members	5
Public Health Staff	5
Introductory Letter	7, 8

SECTION A.—Statistics and Social Conditions.

General Statistics	...	Page 11	Vital Statistics	...	Page 11
Social Conditions	...	11	Causes of Death	...	12
Unemployment	...	11			

SECTION B.—General Provision of Health Services.

Laboratory Facilities	...	15	Hospitals	...	16
Ambulance Facilities	...	15	Maternity Home	...	16, 17
Nursing at Home	...	15	School Medical Services	...	17—18
Clinics	...	15			

SECTION C.—Sanitary Circumstances.

Water	...	21, 22	Sanitary Inspection	...	24
Drainage and Sewerage	...	22	Swimming Pool	...	24
Rivers and Streams	...	22	Eradication of Bed Bugs	...	24
Closet Accommodation	...	22	Factories Workshops and		
Public Cleansing	...	23—24	Workplaces	...	25

SECTION D.—Housing.

Housing Statistics	...	29, 30	Overcrowding	...	30
Nuisances	...	30			

SECTION E.—Inspection and Supervision of Food.

Examination of Milk Supply	...	33	Milk Supply	...	33
and Ice Cream	...	33			

SECTION F.—Prevalence of and Control over Infectious and other Diseases.

Infectious Diseases			Prevention of Blindness	...	39
Generally	...	37—41	Tuberculosis	...	39, 40
Immunisation against			Bacteriological		
Diphtheria	...	38	Examinations	...	41
Cancer	...	39			

Report on the Meteorological Conditions prevailing at					
Cleethorpes during 1946	45, 46, 47



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Health Committee Members, 1945-46.

Chairman : Ald. E. Houghton, J. P.

Vice-Chairman : Coun. J. Butcher.

Ald. A. W. Cox, Mayor.

Ald. F. Rhodes.

Ald. W. F. George.

Coun. E. F. Marklew.

Coun. F. Broddle.

Coun. G. R. Sinderson.

Coun. J. Magee.

Coun. B. W. Wells, J. P.

Staff of the Health Department.

Medical Officer of Health, C. F. Lynch, M.B., B.Ch., B.A.O., D.P.H.

Chief Sanitary Inspector : Herbert Brant, M.R.San.I., F.S.I.A.

Sanitary Inspector, No. 2. District, } Walter Ellis, C.R.S.I.
and Cleansing Superintendent } (Resigned Dec., 1946).

Assistant Sanitary Inspectors : R. Groat, A.R.San.I., M.S.I.A. (RESIGNED) DEC 19
G. H. Cooper, Cert. S.I.B., M.S.I.A.

Pupil Sanitary Inspectors : H. G. V. Ward. (Resigned July, 1946).

J. P. Emerson. (On Military Service).

D. H. Hibbert.

D. St. J. Frost.

The following members of the County Staff carried out work within the Borough.

Dr. C. F. Lynch, Tuberculosis and School Medical Officer.

Dr. S. Evans, Maternity and Child Welfare.

Mr. F. E. Padgett

Dental Surgeon

Miss E. E. Jenkinson, S.R.N., S.C.M., M.R.C.N., Health Visitor.

Miss C. Clark, S.R.N., S.C.M., M.R.C.N. Health Visitor.

Miss J. Tock, S.R.N., H.V., Cert. R.S.I. Health Visitor.

Mrs. Shute Secretary.

Consultant services were afforded by the following :—

Mr. McDonald, Gynæcologist ; Mr. Pulvertaft, Orthopædic Surgeon ;

Mr. Rainforth, Surgeon E.N.T. ; Dr. Brown, Heart Specialist ; Dr.

Davidson, and Dr. Vivian, Ophthalmologists.

HEALTH DEPARTMENT CLEETHORPES.

August, 1946.7.

**To the Mayor, Aldermen and Councillors of the Borough
of Cleethorpes.**

GENTLEMEN,

I have the honour to present my Annual Report on the Health and Sanitary Conditions of the Borough for the year 1946.

The health of the community as reflected in the vital statistics continues to be satisfactory. The Birth Rate was 23.0 per thousand of the population which is an increase of 2.7 on the rate for 1945. The corresponding rate for England and Wales was 19.1 and for the smaller towns 21.3.

The Death rate was 11.6 per thousand a decrease of 1.8 on the rate for the previous year and compares favourably with the rates for England and Wales and smaller towns which were 11.5 and 11.7 respectively.

The Infantile Mortality Rate showed a decline from 44.7 per thousand live births in 1945 to 41.2 for the year under review. The corresponding rate for England and Wales was 43 and for the smaller towns 37. There were 2 maternal deaths during the year.

The incidence of notifiable infectious disease showed a decrease compared with the previous year. There was also a decrease in the number of deaths from tuberculosis.

The Sanitary conditions of the Borough continued to be generally satisfactory, the environmental health services being well maintained, while progress was made with schemes for improved drainage and housing. 478 dwelling houses were rendered fit by informal action and 64 after Statutory Notice. 65 new houses were completed during the year and 61 were in the course of erection at the end of the year.

I wish to record my appreciation of the support afforded me throughout the year by the Chairman, Ald. E. Houghton, J.P., C.C., and the members of the Health Committee. I have to thank also the County Medical Officer, Lindsey County Council, the Borough Surveyor of Cleethorpes and my Chief Sanitary Inspector for the information they have supplied for inclusion in this report.

I have the honour to be, Gentlemen,

Your obedient servant,

C. F. LYNCH,

Medical Officer of Health.

SECTION A.

STATISTICS

AND

SOCIAL CONDCTIONS

SECTION A. Statistics and Social Conditions of the Area.

General Statistics.

Area of Borough in acres (above high water mark)	2250
Registrar-General's estimate of Resident population (mid-1946)	28,400
Number of inhabited houses (end of 1946)	8149
Rateable Value, 1st April, 1947	£153,226
Sum represented by a penny rate	£585

Unemployment.

1. Average weekly number of persons in receipt of ordinary relief during the year ended 31st December, 1946 was 354
(as compared with 330 for the previous year)
2. Average weekly number of persons in receipt of relief on account of unemployment was ... Nil
(as compared with Nil the previous year.)
3. The total amount of relief granted in the Borough during the year ended 31st Dec., 1946, was ... £13,127

Vital Statistics.

		Total Male Female				
Live Births	Legitimate	607	291	316	} Birth Rate per 1,000 of the estimated resident population ...	23'02
	Illegitimate	47	27	20		
Still Births	Legitimate	13	7	6	} Rate per 1,000 total (live and still births)	23'48
	Illegitimate	Nil	Nil	Nil		

Death Rate per 1,000 of the estimated resident population ... 11'69

Death Rate per 1,000 for England and Wales 11'5

Deaths from Puerperal Causes (Headings 29 and 30 of the Registrar-General's Short List).

		Rate per 1,000 (total Deaths live and still births.)	
No. 29.	Puerperal Sepsis .	1	1'49
No. 30.	Other Maternal causes...	1	1'49

Death Rate of Infants under one year of age :—

All infants per 1,000 live births 41'2

Legitimate infants per 1,000 legitimate live births 38'22

Illegitimate infants per 1,000 illegitimate live births 42'55

Deaths from Cancer (all ages) 58

Deaths from Measles (all ages) Nil

Deaths from Whooping Cough (all ages) Nil

Deaths from Diarrhoea (under 2 years of age) 1

4. Causes of Death in Borough of Cleethorpes.

CAUSES OF DEATH.				1946	
				Males	Fem.
1	Typhoid and Paratyphoid Fever	...	...	—	—
2	Cerebro-Spinal Fever	...	...	—	1
3	Scarlet Fever	...	...	—	1
4	Whooping Cough	...	...	—	—
5	Diphtheria	...	...	—	—
6	Tuberculosis of Respiratory System...	...	...	9	8
7	Other Tuberculosis Diseases	...	...	1	1
8	Syphilis	...	...	2	1
9	Influenza	...	...	1	3
10	Measles	...	...	—	—
11	Acute Poliomyelitis and Polioencephalitis	...	...	—	—
12	Acute infectious Encephalitis	...	...	—	—
13	Cancer of buccal cavity and oesophagus (male)...	...	...	—	—
	and uterus (female)	...	...	3	2
14	Cancer of stomach and duodenum	...	...	9	3
15	Cancer of breast	...	...	—	5
16	Cancer of all other sites	...	...	29	7
17	Diabetes	...	...	1	2
18	Intra Cranial Vascular Lesions	...	...	14	14
19	Heart Disease	...	...	38	51
20	Other diseases of the circulatory system	...	...	4	7
21	Bronchitis	...	...	9	7
22	Pneumonia	...	...	6	7
23	Other Respiratory Diseases	...	...	2	2
24	Ulcer of the stomach or duodenum	..	...	2	—
25	Diarrhoea under two years	...	...	1	—
26	Appendicitis	...	...	1	1
27	Other Digestive Diseases	...	...	5	2
28	Nephritis	...	...	3	2
29	Puerperal and post-abortive Sepsis...	...	...	—	1
30	Other Maternal Causes	...	...	—	1
31	Premature birth	...	...	5	3
32	Congenital malformation, birth injury	...	...	—	—
	infantile diseases	...	...	10	3
33	Suicide	...	...	2	—
34	Road traffic accidents	...	...	1	—
35	Other violent causes	...	...	1	4
36	All other causes	...	...	11	23
TOTALS				170	162

SECTION B.
GENERAL PROVISION
OF
HEALTH SERVICES.

Section B.—General Provision of Health Services of the Area.

(a) Laboratory facilities.

These are available for the examination of throat and nose swabs, sputum, etc., at the Public Health Department, Council Offices, Cleethorpes, to which address specimens should be sent.

(b) Ambulance facilities.

For infectious cases removal by ambulance is an inclusive charge of the Infectious Disease Hospital receiving the case. Non-infectious or accident cases may be removed by the Borough Council's Ambulance, when a charge is made according to mileage.

(c) Nursing at Home.

Three District Nurses are stationed in Cleethorpes and are members of the Lindsey Nursing Association. The Lindsey County Council also provide the services of a nurse for cases of Ophthalmia Neonatorum to be nursed at home, when requested by General Medical Practitioners.

(d) Clinics.

The Lindsey County Council from the Clinic, St. Hugh's Avenue, Cleethorpes, provide the following specialist and consultant services :—

Clinics, St. Hugh's Avenue, Cleethorpes.

CLINIC	DAY	HOUR
Tuberculosis	Friday	2 p.m.
School	Wednesday	9-30 a.m.
School Nurse attends for treatments	{ Monday, Wednesday and Thursday { Tuesday and Friday	9-30 a.m. 2 p.m.
Eye	Friday (by appointment)	10 a.m.
Infant Welfare	Monday and Thursday	2 p.m.
Toddlers	Monday	9-30 a.m.
Ante-Natal	Tuesday	9-30 a.m.
Special treatment (Female)	Thursday	10-30 a.m.
Orthopædic	3rd Tuesday of Month by appointment	2-30 p.m.
Massage	Monday and Thursday	10 a.m.
U.V.R.	Monday and Thursday	9-30 a.m.
Dental	Daily	9-30 a.m.
Rheumatism and Heart	Monthly (by appointment)	2 p.m.

Diphtheria Immunisation Sessions are held at the School and Infant Welfare Clinics on the appropriate days.

By arrangement with the County Borough of Grimsby facilities for the diagnosis and treatment of venereal disease are available at the V.D. Clinic, 38 Queen Street, Grimsby.

(e) Hospitals.

Facilities exist for the treatment of Infectious Disease at the Isolation Hospital, Osgodby. The Hospital is administered by a Joint Board on which the Cleethorpes Corporation is represented. These facilities are at present inadequate and most cases requiring urgent or specialised treatment are admitted to Grimsby Isolation Hospital.

Maternity Home, Cleethorpes.

This Home is administered by the Lindsey County Council.

The following report on the Home is included by the courtesy of the County Medical Officer of Health.

1. Name and address of the Institution. County Maternity Home,
Mill Road,
Cleethorpes, Lincs.
2. Number of Maternity beds in the Institution
(exclusive of isolation and labour beds) at 31/12/46. 28
3. Number of Maternity cases admitted during the year 628
4. Average duration of stay of cases in the lying-in wards 14 days
5. Number of cases delivered by
 - (a) Midwives 388
 - (b) Doctors 192
6. Number of cases in which medical assistance was sought
by a midwife in emergency... .. 46
7. Number of cases admitted after delivery 3
8. Number of cases notified as
 - (a) puerperal fever Nil
 - (b) puerperal pyrexia 1
9. Number of cases of pemphigus neonatorum Nil
10. (a) Number of infants not entirely breast fed while in the
Institution ———
- (b) Number of infants wholly breast fed on leaving
the Institution 100
11. (a) Number of cases notified as ophthalmia neonatorum Nil
- (b) Result of treatment in each case. ———
12. (a) Number of maternal deaths 2
- (b) Cause of death in each case :
1 Ruptured Uterus. 1 Antepartum Hæmorrhage.
13. (a) Number of stillbirths 11
- (b) Cause in each case and results of post-mortem
(if available)
3 Macerated. 2 Anoxæmia. 3 Premature.
1 Prolapsed Cord. 2 Delayed Labour.

14. Number of infant deaths within 10 days of birth 8

(b) Cause of death :

4 Premature. 1 Congenital Abnormality.

2 Inter-cranial hæmorrhage. 1 Transverselie.

General Hospital facilities are available at the Grimsby and District (Voluntary) Hospital and at the Lindsey County Council Infirmary, Louth.

A. School Medical Services.

These services are provided by the County Council and I am indebted to the County Medical Officer for permission to include the following details of work carried out during the year in my capacity as School Medical Inspector.

ROUTINE MEDICAL INSPECTION (exclusive of special and supervisory examinations).

GROUP. 1.	Inspected 2.	Number of Children. Found to require treatments (excluding uncleanliness and dental diseases). 3.		
		Vision.	Other Defects.	Total.
Prescribed Groups.				
Entrants	412	—	138	138
Intermediates	222	16	36	45
Leavers	311	25	39	62
Total (prescribed groups)	945	41	213	245

C. State of Nutrition.

All scholars examined were classified in 4 groups :—Ex.—Excellent. N.—Normal, S.N.—Slightly Subnormal and B.—Bad.

GROUP	Ex.	N.	S.N.	B.
Entrants	25	326	60	1
Second age group	22	173	25	2
Third age group	67	211	32	1
Total (prescribed groups)	114	710	117	4

B. Defects found in the course of Medical Inspection.

DEFECT.	Routine Inspections		Special Inspections	
	Requiring Treatment	Requiring observation but not Treatment	Requiring Treatment	Requiring observation but not Treatment
SKIN.				
Ringworm { Scalp				
{ Body				
Scabies	2			
Impetigo				
Other Diseases (Non-tubercular)	30	21		
EYE.				
Blepharitis	14	2	1	
Conjunctivitis	5			
Keratitis				
Corneal Opacities	1			
Defective Vision (excluding Squint)	41	41	1	
Squint	7	17		
Other conditions	2	2		
EAR.				
Defective Hearing	4	6		1
Otitis Media	4		1	
Other Ear Diseases	11	4		
NOSE AND THROAT.				
Chronic Tonsilitis only....	27	212	1	
Adenoids only	5	17	1	
Chronic Tonsilitis and Adenoids...	42	9		
Other conditions	6	1		
ENLARGED CERVICAL GLAND. (Non-tubercular).	38	25		
DEFECTIVE SPEECH.	2	20		2
HEART AND CIRCULATION.				
Heart Disease—				
Organic	5	2		2
Functional	1	13		
Anæmia	18		1	
LUNGS.				
Bronchitis	25	19	1	
Other Non-tubercular Diseases ...		2		
TUBERCULOSIS.				
Pulmonary—				
Definite				
Suspected... ..				
Non-pulmonary—				
Glands		2		
Other Bones and Joints ...		2		
Skin				
Other Forms		1		
NERVOUS SYSTEM.				
Epilepsy	1			1
Chorea				
Other conditions	6	4		
DEFORMITIES.				
Rickets... ..				
Spinal Curvature				
Other Forms	5	8		
OTHER DEFECTS AND DISEASES. (Excluding Uncleanliness and Dental Diseases)	11	7		2
TOTAL NUMBER OF DEFECTS	315	437	7	8

SECTION C.

SANITARY.

CIRCUMSTANCES

Section C.—Sanitary Circumstances of the Area.

1. (1) Water Supply.

The water supply has been satisfactory both as regards quality and quantity. The supply is by pipe from the Grimsby, Cleethorpes and District Joint Water Board's undertaking and is constant.

Bacteriological and chemical examination of samples from the source of supply are carried out monthly and results of these examinations are supplied to the Medical Officer of Health.

Samples are also taken periodically by the Health Department from the supply as delivered to the public and submitted for bacteriological examination.

The following is a copy of a report on a sample taken by the Water Board on the 26th August, 1946 :

The Counties Public Health Laboratories,
66 Victoria Street, London, S.W.1.

Chemical Results in Parts per 100,000.

Appearance	Clear and bright.	Colour	...	...	Normal
Odour	...	Reaction pH	...	...	Neutral : 7.3
Free Carbonic Acid	1.6	Electric Conductivity at 20° C.	...	...	590
Total Solids		Alkalinity as	...	...
dried at 180° C.	39.5	Calcium Carbonate	...	...	22.0
Chlorine in Chlorides	6.4	Temporary	22.0	Permanent	4.0
Nitrogen in Nitrates	0.14	Nitrogen in Nitrites	...	...	Absent
Hardness	Total : 26.0	Free Ammonia	...	...	0.0000
Ammoniacal Nitrogen	--	Albuminoid Ammonia	...	...	0.0000
Albuminoid Nitrogen	—	Oxygen Absorbed in 4 hrs.	...	...
		at 27° C.	...	...	0.000
Metals	Absent.	Free chlorine reaction	...	...	Absent

Bacteriological Results.

	1 day at 37° C.	2 day at 37° C	3 day at 37° C
Number of "Bacteria" growing on Agar per cc. or ml. in	1	1	1
Presumptive Coliform Reaction	Present	Absent	100 c. c.
Bact. coli.	Present	Absent	100 c. c.
Cl. welchii Reaction	Present	Absent	100 c. c.

This sample is clear and bright in appearance, neutral in reaction and free from Iron and other metals. The water is hard in character but not to an abnormal degree, contains no excess of salinity or mineral constituents in solution and is of the highest standard of organic and bacterial purity.

These results are consistent with a pure and wholesome water suitable for the purposes of a public supply.

(Signed) GORDON MILES, B.Sc., F.R.I.C.

Wells	{ New sunk Nil
	{ Cleansed, repaired Nil
	{ Closed as polluted Nil
Public Supply	{ Area supplied :—Whole area except 36 houses in North Sea Lane and Humberstone Road district.
	{ Percentage of houses supplied 99.56%

(2) Sewers.

Drains examined, tested, exposed, etc.	96
Drains unstopped, repaired, trapped, etc.	183
Waste pipes, rain water pipes disconnected, repaired, etc. ...	275
New soil pipes or ventilating shafts fixed	45
Existing soil pipes or ventilating shafts repaired	7
Drains reconstructed	Nil

2 Rivers and Streams.

A small stream known as the Buck Beck which is polluted before reaching the Borough discharges on the Foreshore.

3 (i) Closet Accommodation.

Number of houses with privy vaults in district ..	Nil
Number of houses with pail closets in district ...	18
Number of pail closets repaired	Nil
Number of pail closets substituted for privy vaults ...	Nil
Number of houses with water closets in district ...	8,143
Number of water closets substituted for dry receptacles ...	Nil
Number of water closets repaired	222

Cesspools.

Cesspools rendered impervious	Nil
Cesspools emptied, cleansed, etc.	1
Cesspools abolished	Nil

(ii) Public Cleansing.

Number of covered ashpits	Nil
Number of uncovered ashpits	Nil
Number of bins substituted for ashpits	Nil
Refuse is removed by Local Authority.	
Number of houses using bins	8,161
Refuse is removed from each house every 7-14 days.	
Number of complaints for non-removal	17
Method of final disposal—Refuse Destructor, Salvage and Controlled Tip at Thrunscoc Recreation Ground (Marine Embankment).	

CLEANSING SERVICE.

The following particulars of operations in the Cleansing Department relate to the year ended 31st March, 1947.

Refuse Collection.

Loads and estimated weight of house and trade refuse collected during the year :—

By Motor Vehicle ... 5,721 loads 7,080 tons

By Horse-drawn Vehicle 50 loads 25 tons

3,545 loads of the collected refuse were weighed.

The refuse collected was estimated at 313 tons increase on the previous year.

Estimated gross expenditure on refuse collection for the year was £6,145. Gross income for the year was £5.

Refuse Disposal.

The house and trade refuse dealt with was disposed of as follows :—

4,444 tons to Disposal Works.

1,601 tons to Humberston Land Reclamation Scheme.

25 tons to Farmland.

Estimated gross expenditure of refuse disposal for the year £3,552.
Gross Income £1,518.

Salvage.

Total receipts of salvage sales during the year £1,518 15s. 0d.
Increased receipts on the previous year £308 11s. 0d.

Total weight of materials sold 555½ tons.

Materials Sold.	Tons. Cwts. Qrs.			Receipts.		
				£	s.	d.
Mixed waste paper	152	17	1	974	16	4
Baled scrap tins	97	18	2	146	17	9
Mixed textiles	11	15	1	144	2	1
Bottles and Jars	20	0	0	127	15	7
Mixed scrap iron	25	3	0	39	6	0
Bones	4	8	1	24	3	0
Screened ash and clinker ...	229	5	0	12	14	9
Scrap lead		8	1	12	15	6
Scrap copper		7	1	9	15	0
Scrap Brass		6	3	7	8	0
Scrap Aluminium		9	1	9	5	0
Kitchen waste	12	0	0	6	0	0
Old rubber		4	3	3	16	0

Gully Cleansing.

The number of gullies cleansed was :—

19,053 Street Gullies. 6,763 Passage Gullies.

419 cart-loads of refuse removed from gullies.

Cost of work for the year :—£502.

Passage Cleansing.

220 barrow-loads of refuse were removed from back passages.

The cost of this work for the year was £140.

Public Conveniences.

Eleven of the public conveniences provided by the Corporation are under the control of the Cleansing Department. Toilet accommodation is provided at seven of the conveniences, Total number of W.Cs. provided 58.

Depot Weighbridge.

The weighbridge was used as follows :—

Departmental weighings during the year	...	5,927
Public Weighings	... ..	203

Refuse Receptacles.

350 Dust Bins were provided by owners of properties in replacement of defective receptacles following informal or formal notices.

Sanitary Inspection of the Area.

Movable Dwellings, Tents, Vans, etc.

Number inspected during the year	...	5
Number of nuisances abated therefrom	...	Nil
Number removed from the district...	...	3
Vans in district at end of year	...	Nil

Offensive Trades.

Number of premises in the District :—39.

Fat Melters	... ..	Nil
Fried Fish Shops	...	26
Contraventions	...	2
Contraventions remedied	...	2
Number of inspections	...	44

There are no Bye-laws in operation.

Closet Accommodation.

No conversions were carried out during the year.

Swimming Baths and Pools.

There is one open air swimming pool of some 2,000,000 gallons capacity. A continuous filtration and chlorination plant is installed.

The working of the plant is satisfactory and efficient as shown by the results of periodical bacteriological and chemical examination of the water.

Eradication of Bed Bugs.

Seven houses received attention during the year for infestation with bed bugs. Preliminary stripping of walls is undertaken by owner or occupier on the advice of the Health Department.

The actual disinfection by spraying and fumigation is carried out by the Health Department. Zaldecide with D.D.T. being used.

No infestations were found in Council houses.

FACTORIES, WORKSHOPS AND WORKPLACES.

1.—INSPECTION.

Including Inspections made by Sanitary Inspectors or Inspectors of Nuisances.

Premises (1)	Number of		
	Inspections (2)	Written Notices (3)	Prosecutions (4)
FACTORIES (Including Factory Laundries)	162	2	0
WORKSHOPS (Including Workshop Laundries)	0	0	0
WORKPLACES (Other than outworkers' premises)	18	0	0
Total 	180	2	0

2. DEFECTS FOUND.

Particulars (1)	Number of Defects			No. of Prosecutions (5)
	Found (2)	Remedied (3)	Referred to H.M. Inspector (4)	
<i>Nuisances under the Public Health Acts</i>				
Want of Cleanliness	2	1	...	...
Want of Ventilation ... ..	...	...	...	...
Overcrowding ... ..	...	...	...	...
Want of Drainage of Floors ... ..	...	...	...	...
Other Nuisances ... ..	...	...	...	...
Sanitary (Insufficient	4	4	...	...
Accommo- { Unsuitable or Defective	3	1	...	...
dation { Not separate for Sexes	...	...	...	...
<i>Offences under the Factory and Workshop Acts</i>				
Illegal occupation of underground				
Bakehouses (S.101) ... ..	...	...	...	...
Other Offences				
(Excluding offences relating to outwork)	...	...	...	...
Total	9	56	0	0

Bakehouses.

Number in district... 	33
Number of underground bakehouses 	Nil
Number of inspections 	217
Contraventions of Factory Acts 	3
Defects remedied 	3

SECTION D.

HOUSING

Section D.—HOUSING.

1. Inspection of Dwelling Houses during the year—

(1). (a)	Total number of dwelling-houses inspected for housing defects (under Public Health or Housing Acts)	1,644
(b)	Number of inspections made for the purpose...	4,549
(2). (a)	Number of dwelling-houses (included under sub-head (1) above) which were inspected and recorded under the Housing Consolidated Regulations, 1925	1,411
(b)	Number of inspections made for the purpose ...	4,308
(3).	Number of dwelling-houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation	Nil
(4)	Number of dwelling-houses (exclusive of those referred to under the preceding sub-head) found not to be in all respects reasonably fit for human habitation	787

2. Remedy of Defects during the year without serving of formal notices—

Number of defective dwelling-houses rendered fit in consequence of informal action by the Local Authority or their Officers	478
--	-----

3. Action under Statutory Powers during the year—

(a)	Proceedings under Sections 9, 10 and 36 of the Housing Act, 1936.	
(1)	Number of dwelling-houses in respect of which notices were served requiring repairs	126
(2)	Number of dwelling-houses which were rendered fit after service of formal notices—	
(a)	By Owners	54
(b)	By Local Authority in default of Owners ...	3
(b)	Proceedings under the Public Health Acts.	
(1)	Number of dwelling houses in respect of which notices were served requiring defects to be remedied ...	32
(2)	Number of dwelling houses in which defects were remedied after service of formal notices.—	
(a)	By Owners	7
(b)	By Local Authority in default of Owners ...	Nil

(c) Proceedings under Section 11 and 13 of the Housing Act, 1936 :

(1) Number of dwelling houses in respect of which Demolition Orders were made	...	...	Nil
(2) Number of dwelling houses demolished in pursuance of Demolition Orders	...	...	Nil

(d) Proceedings under Section 12 of the Housing Act, 1936 :

(1) Number of separate tenements or underground rooms in respect of which closing orders were made	...	Nil
(2) Number of separate tenements or underground rooms in respect of which closing orders were determined the tenement or room having been rendered fit	...	Nil

Nuisances.

Total number of nuisances during the year	...	...	223
(1) Abated as a result of informal action by Sanitary Inspectors	...	...	186
(2) Reported to Council	...	...	42
(3) Statutory Notices issued	...	...	37

Details of Nuisances Abated.

	After Informal Intimation	After Statutory Notice
Overcrowding	1	—
Smoke	1	—
Accumulation of refuse and manure	8	—
Foul ditches, ponds and stagnant water	2	—
Foul pigs and other animals	12	3
Dampness	12	8
Yards, repaved or repaired	4	2
Other nuisances	146	2

4. Housing Act, 1936.—Part IV. Overcrowding.

(a).—(1) Number of dwellings overcrowded at end of year	...	9
(2) Number of families dwelling therein	...	19
(3) Number of persons dwelling therein	...	102
(b).—Number of new cases of overcrowding reported during the year		8
(c).—(1) Number of cases of overcrowding relieved during the year		1
(2) Number of persons concerned in such cases	...	16
(d).—Particulars of any cases in which dwelling houses have again become overcrowded after the Local Authority have taken steps for the abatement of overcrowding	...	Nil

SECTION E,
INSPECTION
AND
SUPERVISION OF FOOD.

Section E. Inspection and Supervision of Food.

(a) Milk Supply.

COWHOUSES AND COWSHEDS.

Number on register	...	...	...	4
Number of inspections	...	...	...	72
Contraventions of Regulations	...	...	...	2
Contraventions remedied	...	...	...	2
Number of milch cows in district	...	...	...	95

DAIRIES AND MILKSHOPS.

Number on register	...	...	...	13
Number of inspections	...	...	...	119
Contraventions of Regulations	...	...	...	5
Contraventions remedied	...	...	...	5
Any disease attributed to milk during the year	...	...	...	Nil

MILK (SPECIAL DESIGNATIONS) ORDER, 1936.

Number of Accredited Producers	...	...	...	4
Number of Accredited Premises	...	...	...	4

Ten samples of Accredited milk were taken by the County Authority during the year and all proved to be satisfactory. In addition, twelve samples were taken by the Health Department and were, in the majority of cases, up to the required standard,

The Food and Drugs Act and Milk and Cream Regulations are administered by the County Council.

There are two premises licensed for the pasteurization of milk and are under regular inspection and supervision. Of 31 samples of pasteurised milk taken during the year 24 were satisfactory. In the remaining cases the unsatisfactory results were attributed mainly to faults in equipment which were promptly remedied.

Ice Cream.

Careful supervision and control over conditions of manufacture and sale of ice cream was maintained during the year. Regular sampling was carried out and close attention given to those cases with unsatisfactory results. In one case with persistently unsatisfactory results, the license was suspended.

SECTION F.
PREVALENCE OF, AND CONTROL
OVER
INFECTIOUS AND OTHER DISEASES.

Section F.—Prevalence of, and Control over, Infectious and other Diseases.

Notifiable Diseases (other than Tuberculosis) during the year 1946.

DISEASE	Total Cases Notified	Cases Admitted To Hospital	TOTAL DEATHS
SCARLET FEVER ...	44	23	1
DIPHTHERIA ...	14	14	—
PNEUMONIA ...	41	4	13
ERYSIPELAS ...	13	2	—
PUERPERAL PYREXIA	4	3	1
C.S. MENINGITIS ...	1	1	1
MEASLES ...	12	—	—
WHOOPING COUGH	139	—	—
B.T. MALARIA ...	2	—	—
TOTALS	270	47	16

Cases of Infectious Disease in their respective months.

Notifiable Diseases.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Totals.
Scarlet Fever .	2	4	2	3	2	4	3	—	—	4	8	12	44
Diphtheria ...	2	—	2	—	1	1	—	1	2	3	2	—	14
Pneumonia ...	9	15	1	4	1	—	1	—	3	3	3	1	41
Erysipelas ..	—	2	1	1	1	1	2	—	2	1	2	—	13
Puerperal Pyrexia	1	1	—	—	—	—	—	1	1	—	—	—	4
C.S. Meningitis	—	—	—	—	—	—	1	—	—	—	—	—	1
Measles ...	—	—	—	—	—	—	—	2	—	2	1	7	12
Whooping Cough	21	5	11	6	23	12	10	29	12	6	1	3	139
B.T. Malaria ...	—	—	—	—	—	—	—	—	—	—	2	—	2
TOTALS	35	27	17	14	30 28	18	17	33	20	19	19	23	270

Immunisation against Diphtheria.

The work of immunising the child population was continued throughout the year, 709 children under 5 years and 147 of 5-15 years receiving a complete course of injections. A.P.T. was the prophylactic used and the work was carried out as follows :—

	Numbers completed 1946
School and Infant Welfare Clinics ...	491
Schools	123
General and Medical Practitioners ...	242
Total	856

In addition 313 schoolchildren previously immunised received a single re-inforcing injection.

Total number of persons in age groups known to have received a complete course of immunisation.

AGE	1940	1941	1942	1943	1944	1945	1946	
Under 1 year	—	4	1	7	7	8	26	Total under 5 years of age at the end of 1946: 1,632.
1 year	—	78	181	260	296	266	511	
2 years	—	99	116	98	43	28	95	
3 years	—	102	94	94	28	7	47	
4 years	1	104	106	111	28	12	30	
5 years	1	199	176	102	79	32	51	Total 5 to 15 years of age at the end of 1946: 3,576.
6 years	1	217	66	35	33	33	60	
7 years	—	222	54	30	28	22	16	
8 years	1	214	60	23	17	26	10	
9 years	—	237	52	22	13	21	—	
10 years	—	210	63	19	17	11	7	
11 years	1	167	91	32	7	2	1	
12 years	—	178	99	35	—	3	1	
13 years	—	139	82	41	3	3	—	
14 years	—	14	12	33	—	—	1	
15 y'rs & over	—	10	3	32	—	—	—	
Total 1940-46.	5	2194	1256	974	599	474	856	6,358.

Cancer.

Deaths from Cancer in the Borough, compiled locally in sex and age groups are tabulated as follows :—

CANCER DEATHS, 1946.

Age	10-20	20-30	30-40	40-50	50-60	60-70	70-80	80-90	Totals
Male	—	—	1	3	7	7	12	5	35
Female	1	—	2	0	4	6	4	1	18
Totals	1	—	3	3	11	13	16	6	53

Prevention of Blindness.

The Lindsey County Council provides for the medical treatment of necessitous blind persons through their Public Health Committee. This includes specialist treatment in connection with blindness or the prevention of blindness.

Other services are provided through the Lindsey Society for the Blind in connection with the education, training, employment and general welfare of blind persons.

TUBERCULOSIS.

NOTIFICATION AND DEATHS. *

New Cases, 1946.

Deaths, 1946.

Age Periods	Pulmonary		Non-Pulmonary		Pulmonary		Non-Pulmonary	
	Males	Females	Males	Females	Males	Females	Males	Females
Under 1 year								
1 to 2 years								
2 to 3 "							1	1
3 to 4 "								
4 to 5 "				1				
5 to 10 "		1		1			1	
10 to 15 "		6	2	1				
15 to 20 "	2	5	1			1		1
20 to 25 "	2	2		1	1	1		
25 to 35 "	3	1		1	4	1		
35 to 45 "	2	1			2			
45 to 55 "	2	1			1			
55 to 65 "	2	1				1		
65 years & over	2			1	3		1	
Totals	15	18	3	6	11	4	2	2

* From local records.

No action has been required under the Public Health (Prevention of Tuberculosis) Regulations, 1925, (relating to persons employed in the milk trade) nor under Section 172 of the Public Health Act, 1936. Ratio of non-notified Tuberculosis deaths to total Tuberculosis deaths is 1-9. The facilities available at the Tuberculosis Dispensary are being increasingly utilised by private Medical Practitioners for diagnosis in cases of suspected Tuberculosis.

Tuberculosis Deaths according to Occupation.

Males	Pulmonary	Non-Pulmonary
Fisherman ...	4	—
General Labourer	2	—
Master Mariner	1	—
Clerk ...	1	—
Grocer ...	1	—
Builders Labourer	1	—
Child ...	—	1
Shopkeeper ...	—	1
Wireless Operator	1	—
	<hr/> 11 <hr/>	<hr/> 2 <hr/>

Females

Housewife ...	2	—
Domestic Servant	—	1
Shop Assistant ...	1	—
Dairy Worker ...	1	—
Child ...	—	1
	<hr/> 4 <hr/>	<hr/> 2 <hr/>

Cleethorpes Tuberculosis Dispensary.

During the year 1946, 83 new cases including 23 transfers from other areas were added to the Dispensary Register. 34 cases were removed as having transferred to other areas or having been lost sight of, or died, leaving 336 cases on the Dispensary Register at the end of the year.

The total individual attendances numbered 354.

The total attendances were 808.

Tuberculosis After Care Committee.

This Committee renders valuable service in the after-care of cases of Tuberculosis. Special attention is paid to necessitous cases and their families, assistance being given in obtaining extra nourishment, clothing, etc., and in the form of holiday grants.

An Occupational Centre with a Workshop in St. Hugh's Avenue, is maintained by the Committee and provides a means to utilise the lessened working capabilities of selected cases.

During the year 1946, approximately £140 was expended by the Committee in the provision of extra nourishment on the recommendation of the Tuberculosis Officer.

An annual grant of £50 is made by the Lindsey County Council to augment the funds of the Committee whose work is voluntary.

INFECTIOUS DISEASE.

Bacteriological Examinations carried out during the year 1946.

Cleethorpes Laboratory.			Total number of Examinations
Diphtheria	Diagnosis,	Positive	13
	Contacts and Freedom	Negative	125
Sputa for Tuberculosis	Diagnosis and	Positive	23
	Supervisory	Negative	91
Other specimens	... ..	... ..	11
Total Bacteriological Examinations			263

REPORT
ON THE
METEOROLOGICAL CONDITIONS
PREVAILING AT CLEETHORPES
DURING 1946.

ALAN B. COOPER, A.M. Inst. C.E.,
Borough Engineer and Surveyor.

Report on the Meteorological Conditions prevailing at Cleethorpes during 1946.

ALAN B. COOPER, A.M. Inst. C.E.,
Borough Engineer, Cleethorpes.

The weather conditions prevailing during 1946, although generally very similar to those of 1945, provided one striking exception, in that 28.48 inches of rain fell during the year, an increase of 8.17 inches over the previous year. This being the wettest year since 1930, when 31.44 inches of rain fell during the year.

SUNSHINE.

From 1st January to 31st December, 1946, (inclusive), 1516.7 hours of bright sunshine were recorded. This total includes estimated hours of bright sunshine on data supplied by the Air Ministry for the months of May and June ; owing to the fact that the sunshine recorder crystal ball was stolen early in May from the Bathing Pool roof.

The total of sunshine in 1946 was 1516.7 hours. This gives a daily average of 4.16 hours, as compared with 4.00 hours for the previous year.

Regarding 1946 sunshine, the month of July was brilliant—sunshine being recorded on each day of the month. The maximum amount of sunshine recorded in one day was 14.4 hours on the 21st June, 1946. The greatest number of hours of sunshine in one month was 218.9 hours in July.

RAINFALL.

28.48 inches of rainfall were recorded during the year. This is an increase of 8.17 inches in 1945.

The driest month of the year was April with 0.93 inches (about one inch) of rain falling in 13 days, and the wettest month was November with 4.57 inches of rain, which is the highest ever recorded for November since the Station was opened in 1910. This amount was distributed over a period of 25 days.

The greatest rainfall in any one day was 1.50 inches on the 8th February.

TEMPERATURE OF THE AIR.

The average maximum shade tempertaure of 42.7° F. for December 1946, is the lowest average for the year ; while 69.4° F. maximum shade temperature in July is the highest average. The average minimum shade temperature of 33.9° F. for December 1946, is the lowest.

The lowest air temperature recorded during the year was 24° F. on 28th February. The highest maximum temperature during the same period was 80° F. on the 2nd July.

The lowest ground minimum temperature was 18° F. on the 26th February, 1946.

Towards the latter end of April and for a considerable part of May, there was a period of temperatures lower than usual. In the beginning of April a maximum of 76° F. was recorded on the 3rd April, but the lowest maximum for the month was 45° F. on the 28th April.

Temperatures came back to normal for the time of the year towards the end of May.

Around Easter the weather was abnormally good.

RELATIVE HUMIDITY.

The average relative humidity for the year was 83.5%.

MISCELLANEOUS PHENOMENA.

During the year frosts were recorded on 36 occasions as follows :—

11 occasions during January	6 occasions during February
7 „ „ March	1 „ „ October
11 „ „ December.	

The wind reached gale force (or above) on 8 occasions as compared with twice during 1945, and the prevailing wind was S.W.

The average amount of sky covered (in tenths) by cloud was 6.98.

The Cleethorpes Meteorological Station No. 2574 is officially recognised by the Air Ministry Meteorological Office as an Auxiliary Climatological Station, and a First Class Health Resort Station.

Nightly reports to the Air Ministry in the form of a Weather Telegram were re-commenced on 1st September, 1946.

The Station is under control of the Borough Engineer and Surveyor (Alan B. Cooper, A.M., Inst. C.E.) and the Observers during 1946 were C. A. Gloyn and T. Gray, who are members of the Engineer's staff.

A summarised statement is attached to this report.

Summary of Meteorological Observations taken at Cleethorpes during 1946.

1946	Average Temperature		Total Sunshine in hours	No. of Sunless Days	Total Rainfall Inches	Days with Rain	Average Relative Humidity	Av. Cloud Amount in 10ths.
	Max.	Min.						
	° F	° F						
January	43.5	34.8	36.1	13	1.85	16	88.5	7.8
February	47.5	37.5	79.3	7	2.61	17	86.9	7.0
March	47.5	35.7	110.3	5	1.15	10	82.3	6.9
April	58.0	41.4	197.0	2	0.93	13	76.9	5.6
May	54.7	45.0	195.3	—	1.82	12	83.3	7.4
June	64.0	48.7	212.5	4	2.31	20	74.2	6.3
July	69.4	54.8	218.9	0	2.45	12	77.1	5.8
August	66.5	52.0	162.0	0	2.92	19	83.1	7.5
September	63.8	51.1	131.9	4	3.62	19	84.5	6.8
October	54.6	47.8	66.2	12	2.42	16	84.5	8.3
November	51.7	41.8	52.0	10	4.57	25	91.9	8.1
December	42.7	33.9	55.2	9	1.83	21	89.0	6.3
Sums	663.9	524.5	1516.7	66	28.48	200	1002.3 1002.2	83.8
Means	55.3	43.7	126.4	5.5	2.37	16.6	83.5	6.9

Greatest fall of rain in a day
(Most ever recorded since 1910

1.50 ins. on 8th February, 1946.
2.49 ins. on 24th June, 1911).

Greatest amount of sunshine in a day
(Most ever recorded since 1910

14.4 hours on 21st June, 1946.
15.7 hours on 17th June, 1932
and 14th June, 1940)

Highest shade temperature recorded
(Max. ever recorded since 1910

80° F. on 2nd July, 1946.
90° F. on 28th August, 1933).

Lowest shade temperature recorded
(Lowest ever recorded since 1910

24° F. on 28th February, 1946.
9° F. on 16th February, 1929)

Lowest ground temperature recorded
(Lowest ever recorded since 1932

18° F. on 26th February, 1946.
9° F. on 16th February, 1940.

Winds.

Direction.	No. of Days.
N.	43
NNE.	5
NE.	19
ENE.	4
E.	32
ESE.	5
SE.	25
SSE.	8
Calm	17

Direction.	No. of Days.
S.	54
SSW.	8
SW.	50
WSW.	15
W.	52
WNW.	6
NW.	16
NNW.	6

PREVAILING WIND SW.

